

## Literature Cited

- Andrews, M. E. 1957. Forest disease research (dwarf mistletoes at Albuquerque forest insect and disease laboratory (a project analysis and working plan). Typewritten Report. 50 pp.
- Alexander, Earl B. and Roger Poff. 1985. Soil disturbance and compaction in wildland management. earth resources, Monograph 8. USDA Forest Service, Pacific Southwest Region, Watershed Management Staff. San Francisco, CA. 163 pages.
- Altman, B. 2000. Olive-sided flycatcher nest success and habitat relationships in post-fire and harvested forests of western Oregon, 1997-1999. Avifauna Northwest unpublished report submitted to USFWS Regional Office, Portland.
- Banci, V. 1987. Ecology and behavior of wolverine in Yukon. Thesis, Simon Fraser University, Vancouver, British Columbia, Canada.
- Banci, V. A. 1994. Wolverine. Pages 99-127 in L. F. Ruggiero, K. B. Aubry, S. W. Buskirk, L. J. Lyon, and W. J. Zielinski, eds. The scientific basis for conserving forest carnivores, American marten, fisher, lynx and wolverine in the western United States. USDA For. Serv. Rocky Mt. For. and Range Exp. Stn., Gen. Tech. Rep. RM-254, Fort Collins, Colo.
- Beschta, R.L., J.R. Boyle, C.C. Chambers, W.P Gibson, S.V. Gregory, J. Grizzel, J.C. Hagar, J.L. Li, W.C. McComb, T.W. Parzybok, M.L. Reiter, G.H. Taylor and J.E. Warila. 1995. Cumulative effects of forest practices in Oregon: literature synthesis. Prepared for the Oregon Dept. of Forestry by Oregon State University, Corvallis. 150 pages.
- Benoit, C., and Galbraith, A. F., 1974, A water yield and channel stability analysis procedure, USDA Forest Service, Colville National Forest, Colville Washington.
- Berndt, H.W. and G.W. Swank. 1970. *Forest Land Use and Streamflow in Central Oregon*. USDA Forest Service Research Paper PNW-93. PNW Research Station. Portland, Oregon
- Bisson, P. 2005. Final Report. South Deep Creek Watershed (Colville NF) CROP Project Headwater Stream Temperature Monitoring Study. USDA Forest Service PNW Research Station Olympia, WA .
- Brown, James K; Snell, J.A. Kendall; Bunnell, David L.. 1976. Handbook for Predicting Slash Weight of Western Conifers. USDA Forest Service General Technical Report INT-37. Intermountain Forest and Range Experiment Station, Forest Service, U.S. Department of Agriculture.
- Campbell S., Liegel L. 1996. Disturbance and forest health on Oregon and Washington. USDA Forest Service PNW Research Station Gen Tech Rpt PNW-GTR-381.
- Chance David H., 1991. The lumber industry of Washington's Pend Oreille Valley 1888-1941. USDA-FS Contract 43-05G1-0-4600, Colville National Forest.
- Cole, David N. 1994. The wilderness threats matrix: a framework for assessing impacts. USDA Forest Service, Intermountain Research Station Research Note INT-RP\_475. 20 pages.
- Cole, David N. 1996. Resource impacts caused by recreation, a literature review. The Presidents Commission on Americans Outdoors. 11 pages.

- Devlin Robert J, 1998. (Letter) Screen Review, Colville National Forest, USDA-FS
- Devlin Robert J, 1999. (Letter) Screen Questions, Consideration of Private Land, USDA-FS
- DeWald L.E, Mahalovich M.F, 1997. The Role of Forest Genetics in Managing Ecosystems. Journal of Forestry, April 1997, Volume 95, Number 4.
- Dryness, C.T., 1967, Soil surface conditions following skyline logging. Forest Service Research Notes PNW-55. U.S.D.A Forest Service, Pacific Northwest Experiment Station, Portland, OR. 8 pages.
- Dryness, C.T., 1972, Soil surface conditions following balloon logging. Forest Service Research Notes PNW-182. U.S.D.A Forest Service, Pacific Northwest Experiment Station, Portland, OR. 7pages.
- English, Aaron, Robert Gill, John Johnson, Walt Knapp, William Lind, Molly McKnight, Todd Reinwald, Ron Bockelman, Pat Kennelly, 1999, South Deep Creek Watershed Analysis. USDA Forest Service, Colville National Forest, Colville, WA. Unpublished.
- Evan, Darrel 1999. Retired Silviculturist, Colville National Forest, Colville, WA. Personal communication via phone conversation in February 1999.
- Everett R.L., 1994. Restoration of stressed sites, and processes. Gen Tech Rpt PNW-GTR-330 Portland, OR. USDA Forest Service, Pacific Northwest Research Station.
- Findley, A., M. Carrol, and K. Blatner. 1998. Draft social assessment for the Colville National Forest CROP program. Department of Natural Sciences, Washington State University, Pullman, WA.
- Flanagan Paul, 1997. (Letter) Insect and Disease Conditions Slate/Salmo and LeClerc Areas. USDA-FS Eastern Washington Forest Health Office. Wenatchee National Forest. Wenatchee, Wa.
- Flanagan Paul, 1999. Evaluation of a Douglas-fir beetle outbreak on the Colville National Forest USDA-FS Eastern Washington Forest Health Office. Wenatchee National Forest. Wenatchee, Wa.
- Foth, Henry. 1984. Fundamentals of Soil Science, 7<sup>th</sup> Edition. John Wiley and Sons, NY, NY. 435 pages.
- Fredrickson, Richard L. and R. Dennis Harr, 1979, Soil, vegetation and watershed management in Forest Soils of the Douglas-Fir Region, Washington State University, Pullman, WA. pg. 231-260
- Graham, Russell T, Harvey, Jain, Tonn, 1999. The Effects of Thinning and Similar Stand Treatments on Fire Behavior in Western Forests. Gen. Tech. Rep. PNW-GTR-463. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 27p..
- Grier, Charles C., K.M. Lee, N.M. Nadkarni, G.O. Klock, and P.J. Edgerton. 1989. Productivity of forests of the United States and its relation to soil and site factors and management practices: a review. Gen. Tech. Rep. PNW-GTR-222. USDA Forest Service, Pacific Northwest Research Station, Portland, OR. 50 pages.
- Hadfield Jim, 1995. (Letter) Insect and Disease Conditions Totem Planning Area. USDA-FS Eastern Washington Forest Health Office. Wenatchee National Forest. Wenatchee, Wa.

- Hadfield Jim, 1999. (Letter) Armillaria Root Rot in the Wolfman Timber Sale Area. USDA-FS Eastern Washington Forest Health Office. Wenatchee National Forest. Wenatchee, Wa.
- Hagle S.K., McDonald G.I., 1989. White Pine Blister Rust in Northern Idaho and Montana: Alternatives for Integrated Management. Gen Tech Rpt. INT 261. Ogden, UT. USDA Forest Service, Intermountain Research Station
- Hall, Fredrick C. 1987. Growth Basal Area Handbook. USDA Forest Service, Pacific Northwest Region, R6 Ecol 181b-1985, May 1987.
- Hansen, H. J. 1986. Wolves of Northern Idaho and Northeastern Washington. U.S. Fish and Wildlife Service, Montana Cooperative Wildlife Research Unit, University of Montana, Missoula. 88pp.
- Harvey, Alan E., J. Michael Geist, Gerald I. McDonald, Martin F. Jurgensen, Patrick H. Cochran, Darlene Zabowski and Robert T. Meurisse. 1994. Biotic and abiotic processes in Eastside Ecosystems: the effects of management of soil properties, processes and productivity. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-323.
- Harvey, Alan E., Russell T. Graham, Gerald I. McDonald. 1999. Tree species composition change – soil organism interaction: potential effects on nutrient cycling and conservation in interior forests, *In* Proceedings: Pacific Northwest Forest and Rangeland Soil Organism Symposium. USDA Forest Service, General Technical Report PNW-GTR-461. Portland, Oregon. Pages 137-145.
- Hayward, Gregory D. and Verner, Jon, technical editor. Flammulated, boreal, and great gray owls in the United States: a technical conservation assessment. Fort Collins, CO: USDA Forest Service, Rocky Mountain Forest and Range Experiment Station; 1994; General Technical Report RM-253. 214 pages.
- Heinemeyer, Kimberly S. and Jones, Jeffery L. Fisher biology and management in the western United States: a literature review and adaptive management strategy. Missoula, MT: U.S. Department of Agriculture Forest Service, Northern Region; 1994 108 pages.
- Hessburg P.F., Mitchell R.G., Filip G.M., 1994. Historical and Current Roles of Insects and Pathogens in Eastern Oregon and Washington Forested Landscapes. USDA-FS PNW Research Station, Gen Tech Rpt 327, April 1994
- Hessburg P.F. and others, 1999. Modeling change in potential landscape vulnerability to forest insect and pathogen disturbances: methods for forested subwatersheds sampled in the Midscale Interior Columbia River Basin Assessment. USDA-FS PNW Research Station, Gen Tech Rpt 454, November 1999.
- Hessburg P.F. and Lehmkuhl J.F., 1999. Science Peer-Review Summary of the Wenatchee National Forest's Dry Forest Strategy. USDA Forest Service Pacific Northwest Research Station Wenatchee, WA. June 1, 1999.
- Hessburg, P.F., B. G. Smith, and R.B. Salter. 1999. Detecting change in forest spatial patterns from reference conditions. *Ecological Applications* 9(4): 1232-1252.

- Hoving, C.L. 2001. Historical occurrence and habitat ecology of Canada lynx (*Lynx canadensis*) in eastern North America, M.S. Thesis, University of Maine, Orono.
- Hungerford, Roger D., Micheal C. Harrington, William H. Frandsen, Kevin C. Ryan, Gerald J. Niehoff. 1991. Influence of fire on factors that affect site productivity, IN Proceedings, Management and Productivity of Western Montane Forest Soils. USDA Forest Service, Intermountain Research Station, Ogden, UT. GTR-INT-280. pages 32-50.
- Interagency Grizzly Bear Committee. 1986. Interagency grizzly bear guidelines. 100pp.  
Interagency Grizzly Bear Committee. 1994. Grizzly Bear/Motorized Access Management Task Force report. 8 pp.
- Johnsgard, Paul A. 1988. North American Owls Biology and Natural History.
- Johnson-Groh, C.L. and D. R. Farrar. 1996. The effects of fire on prairie moonworts (*Botrychium* subgenus *Botrychium*). *American Journal of Botany* 83:134 (abstract).
- Jones, J.L. 1991, Habitat use of fisher in northcentral Idaho: Thesis, University of Idaho, Moscow, Idaho, USA.
- Kegley S., Randall C., Jewett D. and Wulff. 1999. Douglas-fir Beetle Population Surveys ,Idaho Panhandle National Forests, 1998. USDA Forest Service, Region 1, Rpt. No. 99-5.
- Kegley S., 2000. Douglas-fir Beetle Population Assessment, Idaho Panhandle National Forests. USDA Forest Service, Region 1, Missoula, Mt., March 2000
- Ketcheson Gary L., Walter F. Megahan, and John G. King. 1999. "R1-R4" and "BOISED" sediment prediction model tests using forest roads in granitics. *Journal of the American Water Resources Association* 35(1) 83-98.
- Kingery, James L., Russell T. Graham, and Jeffery S. White. 1987. Damage to First-year Conifers Under Three Livestock Grazing Intensities in Idaho. Res. Paper INT-376. Ogden, UT; U.S. Department of Agriculture, Forest Service, Intermountain Research Station. 8p.
- Koch, P. 1996. Lodgepole Pine Commercial Forests: an Essay Comparing the Natural Cycle of Insect Kill and Subsequent Wildfire with Management for Utilization and Wildlife. USDA-FS Intermountain Research Station, Gen Tech Rpt INT-GTR-342.
- Koehler, G. M. 1990. Population and habitat characteristics of lynx and snowshoe hares in North Central Washington. *Can. J. Zool.* 68:845-851.
- Larsson, S., R. Oren, R.H. Waring, and J.W. Barrett. 1983. Attacks of mountain pine beetle as related to tree vigor of ponderosa pine. *Forest Science* 29:395-402.
- Lehmkuhl, J.F., P.F. Hessburg, et al. 1994 (April). *Historical and Current Forest Landscapes of Eastern Oregon and Washington. Part I: Vegetation Pattern and Insect and Disease Hazards*. USDA Forest Service PNW Research Station, Gen Tech Rpt 328.

- Lewis, J. C. and D. W. Stinson. 1998. Washington State Status Report for the Fisher. Wash. Dept. Fish and Wildl., Olympia. 64 pp.
- Lieberg J.B., 1899. Cascade Range and Ashland forest reserve and adjacent regions. Twenty-first annual report, Part II. Washington, DC. USDI, Geological Survey
- Lowe J.E., 1995. (Letter) Regional Forest Plan Amendment #2: Revised Interim Standards for Timber Sales on Eastside Forests. USDA-FS RO Portland, WA.
- Luce, Charles H. 1997. Effectiveness of road ripping in restoring infiltration capacity of forest roads. *Restoration Ecology* 5(3):265-270
- Luce, Charles H., Bruce E. Rieman, Jason B. Dunham, James L. Clayton, John G. King, and Thomas A. Black. 2001. Incorporating aquatic ecology into decision on prioritization of road decommissioning. *Water Resources Impact* 3(3):8-14
- Marion, Jeffrey L; Cole, David N. 1996. Spatial and Temporal Variations in Soil and Vegetation Impacts on Campsites. *Ecological Application* 6(2): 520-530.
- McIver, James, James Doyal, Mark Taratoot, Paul Adams, Loren Kellogg, Erik Drews, Bruce Hartsough, Roger Ottmar, Bob Vihnanek. 1998. Economics and Environmental Effects of Fuel Reduction at Limber Jim. Blue Mountain Institute Tech. Notes, April 1998, BMNRI-TN-10. 12 pages.
- Mitchell R.G, Waring R.H., and Pitman G.B., 1983. Thinning lodgepole pine increases tree vigor and resistance to mountain pine beetle, *Forest Science* 29:204-211.
- Mitchell, R.G. 1966. Infestation characteristics of balsam woolly aphid in the Pacific Northwest. USDA For. Serv. Res. Pap. PNW-35. 18p.
- Moldenke, Andrew. 1999. Soil-dwelling arthropods: their diversity and functional roles. *In* Proceedings: Pacific Northwest Forest and Rangeland Soil Organisms Symposium, Robert T. Meurisse, William G. Ypsilantis and Cathy Seybold, editors. USDA Forest Service, Pacific Northwest Research Station. PNW-GTR-461. Pg. 33-44.
- NatureServe: An online encyclopedia of life [web application]. 2001. Version 1.6. Arlington, Virginia, USA: NatureServe. Available: <http://www.natureserve.org/explorer>. (Accessed: July 2, 2002).
- Nielsen, Carmen. 2003. *Regional Sense of Place Mapping (Draft)*. Colville National Forest.
- Oliver C.D, Larson B.C, 1996. Forest Stand Dynamics
- Ormsbee, Pat; L. Becker, D. Ek, J. Nieland, and J. Villegas. 1998. Version 2.0 Survey Protocols and Management Recommendations Applicable to ROD Direction for Bats Associated with the Northwest Forest Plan 12/23/98. Unpublished Forest Service document.
- Pagel, J. 1993. Analysis of Potential Peregrine Falcon Nest Sites on the Colville National Forest. Unpublished USFS report, 15pp.

- Perkins, J. M. 1990. Three Year Bat Survey for Washington National Forests: Results of Year Three- Wenatchee, Okanogan and Colville National Forests. Unpublished report. 41 p. plus maps.
- Perkins, J. Mark, 1995. Mine Searches for *Plecotus Townsendii* on the Colville Ranger District, Colville National Forest, USFS.
- Perkins, Peter J.; Lindzey, Frederick G., and Gessaman, James A. 1991. Physical characteristics of blue grouse winter use-trees and roost sites. *Great Basin Naturalist*. 51(3):244-248.
- Pierson, Elizabeth D., The Status of Townsend's big-eared bat (*Plecotus townsendii*) in California, July 1988.
- Pierson, Elizabeth D., William E. Rainey, and Dolora M. Koontz. 1991. Bats and Mines: Experimental Mitigation for Townsend's Big-eared Bat at the McLaughlin Mine in California. Pages 31-42 in Proceedings of the Thorne Ecological Institute: Issues and Technology in the Management of Impacted Wildlife. Snowmass, Colorado, USA.
- Powell, R.A., and W.J. Zielinski. 1994, Fisher: Pages. 38-73. in L. F. Ruggiero, K. B. Aubry, S. W. Buskirk, L. J. Lyon, and W. J. Zielinski, editors. American Marten, Fisher, Lynx, and Wolverine in the Western United States. U.S. Forest Service General Technical Report RM-254.
- Quigley, T.M, Arbelbide, S.J., 1997. An Assessment of the Ecosystem Components in the Interior Columbia Basin and Portions of the Klamath and Great Basins. USDA-FS PNW Research Station, Gen Tech Rpt PNW-GTR-405, Portland, Or., Volume IV.
- Richardson, S., D. Hays, R. Spencer, and J. Stofel. 2000. Washington state status report for the common loon. Washington Department of Fish and Wildlife, Olympia. 53 pp.
- Ruediger B., J. Claar, S. Mighton, B. Naney, T. Rinaldi, F. Wahl, N. Warren, D. Wenger, A. Williamson, L. Lewis, B. Holt, G. Patton, J. Trick, A. Vandehey, S. Gniadek. 2000. Canada Lynx Conservation Assessment and Strategy. Unpubl. Report, January 2000. USDA Forest Service, Northern Region. Missoula, MT. 199 pp.
- Ruggiero, L. F., K. B. Aubry, S. W. Buskirk, G. M. Koehler, C. J. Krebs, K. S. McKelvey and J. R. Squires. 1999. Ecology and Conservation of Lynx in the United States. USDA Forest Service General Technical Report RMRS-GTR-30WWW. 480 pp.
- Schellhaas, R., Camp, A.E., Spurbeck, D., and Keenum D., August 4, 2000, Report to the Colville National Forest on the Results of the South Deep Watershed Fire History Research, PNW Research Station Wenatchee Forestry Sciences Lab
- Schmid, J.M., Mata, S.A. 1992. Stand Density and Mountain Pine Beetle-Caused Tree Mortality in Ponderosa Pine Stands. USDA-FS Rocky Mtn. Forest Range Experiment Station, Research Note RM-515.
- Shapiro and Associates. 1999. South Deep Watershed Analysis, Prepared for the Colville Ranger District, Colville National Forest. USDA Forest Service

- Smith and Fisher. 1997. Fire Ecology of the Forest Habitat Types of Northern Idaho. USDA Forest Service General Technical Report INT-GTR-363, 142 p.
- Smith, B.B. and E.F. Wass. 1979. Soil disturbance, regeneration and vegetative cover on clearcuts. *Canadian Forestry Service*, Nelson Forest District, Nelson, BC. 37 pages.
- South Deep Watershed Analysis, Prepared for the Colville Ranger District by Shapiro and Associates, 1999.
- Spurr, S. H. and B. V. Barnes. 1980. Forest Ecology. John Wiley and Sons, Inc. 687 pp.
- Stark, John M., and Stephen C. Hart. 1999. Effects of disturbance on microbial activity and N-cycling in forest and shrubland ecosystems *In* Proceedings: Pacific Northwest forest and rangeland soil organism symposium. PNW-GTR-461. USDA Forest Service, Pacific Northwest Research Station, Portland, Oregon. Pages 101-105.
- Swetnam T.W., Lynch A.M. 1989. A tree ring reconstruction of western spruce budworm history in the southern Rocky Mountains. *Forest Science*. 35: 962-986
- Tunnock S., Ryan R.B., 1985. Larch casebearer in western larch. Forest Insect and Disease Leaflet 96. Washington, DC, USDA Forest Service
- University of New Mexico's Sevilleta Long-term Ecological Research website  
(<http://sevileta.unm.edu/data/species/mammals/socorro/profile/townsend-big-eared-bat.html>)  
accessed July 2, 2002.
- USDA, Forest Service. 1988. Colville National Forest Land and Resources Management Plan Final Environmental Impact Statement.
- USDA, Forest Service. 1992. *Colville National Forest Integrated Noxious Weed Management Program Environmental Assessment*.
- USDA, Forest Service. 1994. Environmental Assessment for the Continuation of Interim Management Guidelines Directing the Establishment of Riparian, Ecosystem and Wildlife Standards for Timber Sales. USDA FS, Region 6, Pacific NW Region, Portland, OR., 23 pp. and associated Decision Memo and appendices.
- USDA, Forest Service. 1995. Inland Native Fish Strategy: decision notice and finding of no significant impact . U.S. Department of Agriculture, Forest Service, Northern and Pacific Regions; 17. pages plus attachments.
- USDA, Forest Service, USDI Bureau of Land Management, 1997. Interior Columbia Basin Ecosystem Management Project, Eastside draft Environmental Impact Statement.
- USDA, Forest Service. 1999. Miscellaneous Report FS-643 titled "*Roads Analysis: Informing Decisions about Managing the National Forest Transportation System.*"
- USDA, Forest Service. 2002. Aladdin Complex, Analysis of Effects to Sensitive Plant Species. Unpublished Report. Colville National Forest. Colville, WA. 8 pp.
- USDI, Fish and Wildlife Service. 1982a. Pacific Coast recovery plan for the American peregrine falcon. Unpubl. report by the Pacific Coast American Peregrine Falcon Recovery Team. 86pp.

- USDI, Fish and Wildlife Service. 1982b. The Grizzly Bear Recovery Plan. U.S. Fish and Wildlife Service, Denver, Colo. 195pp.
- USDI, Fish and Wildlife Service. 1986. Recovery Plan for the Pacific Bald Eagle. U.S. Fish and Wildlife Service, Portland, OR. 160 pp.
- USDI, Fish and Wildlife Service. 1987. Northern Rocky Mountain Wolf Recovery Plan. U.S. Fish and Wildlife Service, Denver, Colorado. 119pp.
- USDI Fish and Wildlife Service. 1993a. Grizzly Bear Recovery Plan. U.S. Fish and Wildlife Service, Missoula, MT. 181 pp.
- USDI Fish and Wildlife Service. 1993b. Recovery Plan for the Woodland Caribou in the Selkirk Mountains. U.S. Fish and Wildlife Service, Portland, OR. 71 pp.
- Waring R.H., Pitman G.B., 1980. A Simple Model of Host Resistance to Bark Beetles, Forest Research Laboratory Research Note 65, School of Forestry, Oregon State Univ, Corvallis, Or.
- Washington Department of Wildlife. 1993. Status of the North American Lynx.
- Washington State Department of Natural Resources, 1997 – board manual for conducting watershed analysis
- Wasson, B., Ragan, R., Bernhardt, B., and Smith, C., 1992, Hydrologic Recovery for the Colville National Forest, Colville National Forest, Internal Document.
- Wasson, B., 1992, Equivalent Clearcut Acre (ECA) Calculation for Cumulative Effects analysis, Colville National Forest.
- Williams, C.K., Lillybridge, T.R., Smith, B.G. 1990, 1995. Forested Plant Associations of the Colville National Forest.
- Wickman B.E., Mason R.R., Swetnam T.W., 1993. Searching for long-term patterns of forest insect outbreaks. *In* Individuals, populations, and patterns: Proceedings of a meeting; 1992 September 7-10; Norwich, England.

## **Personal Communication**

Brogan, Scott - Silviculturist  
 DeSpain, Tom - Area Geneticist  
 Fagerlie, Dan - WSU Cooperative Extension Officer, Ferry County, Washington  
 Hadfield, Jim - Area Forest Pathologist  
 Kamstra, Ken, Recreation Technician, US Forest Service  
 Kaney, Lynn – Silviculturist  
 Lynn, Dan, Forest Roads Manager  
 Mowat, Garth - Lynx Researcher, Nelson, BC  
 Nielsen, Gary - Retired Presale Technician  
 Ormsbee, Pat - Region 6 Bat Specialist, US Forest Service, Oregon/Washington  
 Slough, Brian - Lynx Researcher, Nelson, BC  
 Squires, John - US Forest Service, Lynx Researcher, Missoula, MT



